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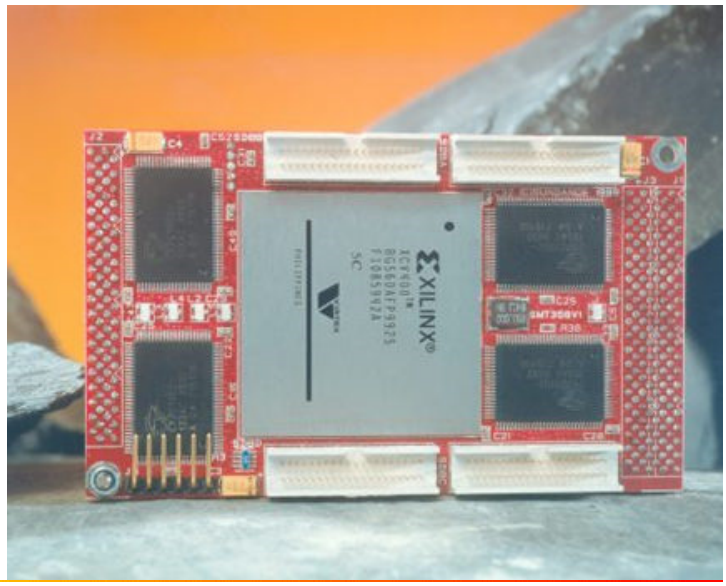
Find the *Sundance SMT358-1000-4* at our website: *Click HERE*

SUNDANCE

Product Information

SMT358

Reconfigurable FPGA module



Features

- Single width module
- Virtex[tm] range of FPGA devices as user programmable resource
- 1M Gates equivalent or more of software configurable resource
- 4 Banks of 1M x 18 of high speed ZBT SRAM
- Four 'C4x type Comm-ports
- TIM Global Connector
- Four 200Mbytes/s SDB Interface per DSP
- Four Sundance Datapipe Links up to 100Mbytes/s
- 4 Status LEDs
- LVDS Interface and memory expansion options
- JTAG Diagnostics Port
- TIM Standard compatible
- 12 months warranty

Benefits

- Simple prototyping for hardware solutions to typical DSP algorithms
- Scaleable and flexible system configuration
- Higher performance than conventional DSPs
- Expansion of memory or I/O interfaces using mezzanine cards
- VHDL Source to module interfaces available

Applications

- Prototyping platform for ASIC development
- Data acquisition front end processor
- Multi channel telecommunication systems
- Adaptive high performance control systems

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Software Support

- 3L Diamond RTOS
- Sample Source Code
- SMT6358 VHDL Source for Interfaces

Ordering Information

Part Number		Description
SMT358-400-4	-	DSP Module, XCV400 FPGA; 4MB ZBT SRAM; Sundance Digital Bus interface
SMT358-400-8	-	DSP Module, XCV400 FPGA; 8MB ZBT SRAM; Sundance Digital Bus interface
SMT358-1000-4	-	DSP Module, XCV1000 FPGA; 4MB ZBT SRAM; Sundance Digital Bus interface
SMT358-1000-8	-	DSP Module, XCV1000 FPGA; 8MB ZBT SRAM; Sundance Digital Bus interface
SMT510-SDB	-	Four Sundance Digital Bus cables
SMT6358	-	Full VHDL Source files

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